

TP 7310E

Compendium of Accessible Vehicles

compiled by

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Transportation Development Centre
Transport Canada



September 1988

Canada

Inclusion of a vehicle in this compendium does not reflect endorsement by Transport Canada.

Ce document est également disponible en français : "Compendium des véhicules adaptés",
TP 7310F.

Transport
CanadaTransports
Canada

Development

Développement

REPORT DOCUMENTATION FORM

1. Transport Canada Report No. TP 7310E		2. TDC Project No. 6608		3. Recipient's Catalogue No.	
4. Title and Subtitle Compendium of Accessible Vehicles				5. Report Date September 1988	
				6. Performing Organization Report No. —	
7. Author(s) Rémi Blanchet and Jacques Bêty				8. Transport Canada File No. D 1450-103-75	
9. Performing Organization Name and Address Transportation Development Centre (TDC) 200 René Lévesque Boulevard West West Tower, Suite 601 Montreal, Quebec H2Z 1X4				10. DSS File No. —	
				11. DSS or Transport Canada Contract No. —	
12. Sponsoring Agency Name and Address Transportation Development Centre (TDC) 200 René Lévesque Boulevard West West Tower, Suite 601 Montreal, Quebec H2Z 1X4				13. Type of Report and Period Covered —	
				14. Sponsoring Agency Code —	
15. Supplementary Notes Also available in French : "Compendium des véhicules adaptés", TP 7310F.				16. TDC Project Officer Barbara A. Smith	
17. Abstract <p>This compendium provides detailed information on a selected number of accessible vehicles available in North America. The compendium is organized into eight vehicle categories: personal car, taxi, mini-van, van, body-on-chassis vehicle, small bus, large bus, and articulated bus. Vehicle descriptions include technical specifications, available accessibility options, and photographs or drawings.</p> <p>Supplementary material includes a selected bibliography and a list of vehicle manufacturers and converters.</p> <p>Information in this compendium will assist prospective vehicle buyers to choose a suitable accessible vehicle by matching vehicle specifications with their particular requirements.</p>					
18. Key Words Accessible, disabled, automobile, van, bus, vehicle manufacturers.			19. Distribution Statement A limited number of copies are available from Transportation Development Centre.		
20. Security Classification (of this report) Unclassified		21. Security Classification (of this page) Unclassified		22. No. of Pages xii, 85	
				23. Price Nil	



1. N° du rapport Transports Canada TP 7310E	2. N° de l'étude — CDT 6608	3. N° de catalogue du destinataire	
4. Titre et sous-titre Compendium of Accessible Vehicles		5. Date du rapport Septembre 1988	
		6. N° du rapport de l'organisme exécutant —	
7. Auteur(s) Rémi Blanchet et Jacques Bêty		8. N° de dossier — Transports Canada D 1450-103-75	
9. Nom et adresse de l'organisme exécutant Centre de développement des transports (CDT) 200 ouest, boulevard René-Lévesque Tour ouest, suite 601 Montréal (Québec) H2Z 1X4		10. N° de dossier — ASC —	
		11. N° de contrat — ASC ou Transports Canada —	
12. Nom et adresse de l'organisme parrain Centre de développement des transports (CDT) 200 ouest, boulevard René-Lévesque Tour ouest, suite 601 Montréal (Québec) H2Z 1X4		13. Genre de rapport et période visée —	
		14. Code de l'organisme parrain —	
15. Remarques additionnelles Également disponible en français : "Compendium des véhicules adaptés", TP 7310F.		16. Agent de projet — CDT Barbara A. Smith	
17. Résumé Le répertoire dont il est rendu compte ici présente une information détaillée sur une sélection de véhicules adaptés disponibles sur le marché nord-américain. Pour en faciliter la consultation, il a été divisé en sections correspondant aux huit catégories suivantes : automobiles, taxis, fourgonnettes, mini-fourgonnettes, châssis-cabines, minibus, bus et bus articulés. La description donne la fiche technique, les équipements facultatifs et une photo ou un dessin. Le répertoire se termine par une bibliographie et une liste des constructeurs automobiles et entreprises spécialisées dans l'adaptation des véhicules automobiles. Ce document veut aider le consommateur et l'exploitant à choisir le véhicule adapté qui correspond le mieux à leurs besoins spécifiques.			
18. Mots-clés Adapté, handicapés, automobiles, fourgonnettes, bus, fabricants.		19. Diffusion Le Centre de développement des transports dispose d'un nombre limité d'exemplaires.	
20. Classification de sécurité (de ce rapport) non classifié	21. Classification de sécurité (de cette page) non classifiée	22. Nombre de pages xii, 85	23. Prix nil

Acknowledgements

The Transportation Development Centre thanks the manufacturers and converters for their cooperation in providing the information contained herein.

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Foreword

This compendium was compiled by Rémi Blanchet and Jacques Bêty of the Université de Sherbrooke as a student project sponsored by the Transportation Development Centre.

Every effort has been made to ensure that the information presented in the compendium is accurate. Descriptions are based on literature provided by the vehicle manufacturers and converters. Prospective buyers should contact manufacturers and converters directly for the names of local representatives and for other additional information.

Introduction	xi
Small Cars	13
Large Cars	25
Automated Cars	33
Motorcycles	37
Automobile Manufacturers / Converters	75

Introduction

Transport Canada is committed to improving transportation access and eliminating travel barriers for elderly and disabled Canadians. In support of these goals, the Transportation Development Centre has prepared this compendium of accessible vehicles.

Accessible vehicles run the gamut from private automobiles to taxis to vans and buses in public transit services. The relative lack of comparative information available on these vehicles has made selecting the appropriate vehicle type and model a problem for consumers and operators alike. This compendium provides detailed information on a selected number of accessible vehicles on the market or in development in North America and abroad. All vehicles described are wheelchair accessible.

The compendium is organized into vehicle categories for easy reference :

Personal Car

Vehicles in this category have been specifically designed and built to be accessed and operated by a disabled person using a wheelchair.

Taxi

Vehicles in this category are specifically designed and built for taxi service. They accommodate one to two wheelchair passengers along with two to three ambulatory passengers.

Mini-Van and Standard Van

These are standard production vehicles modified to accommodate wheelchair drivers or passengers. Modifications may include a lowered floor, raised roof, and widened door. Ancillary equipment required for wheelchair access and securement must be installed. As production vehicles, both types of van have moderate capital costs and readily available spare parts and maintenance services.

Body-on-Chassis Vehicle

These vehicles feature specially built bodies mounted on production light-truck chassis. They are more durable than standard production vans but, because of stiffer suspension, they offer a rougher ride.

Small Bus, Large Bus and Articulated Bus

Buses presented in the compendium are standard production vehicles with body and chassis specifically designed for transit service. Transit buses are more durable and have a longer life expectancy than production vans and body-on-chassis vehicles.

Each vehicle description includes technical specifications, available accessibility options and, in most cases, a photograph or drawing. The vehicle descriptions are followed by a bibliography of useful information sources and a list of manufacturers and converters and their addresses.

The compendium is intended to help consumers and operators to choose a suitable vehicle by matching vehicle specifications to their particular requirements. Other factors prospective buyers should keep in mind when selecting an accessible vehicle include:

- type of service
- operating environment
- safety standards
- flexibility of seating arrangements
- available options
- ancillary equipment
- capital cost
- maintenance requirements



PERSONAL CAR





Elswick "Envoy"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 2 seated + 1 wheelchair passenger

DIMENSIONS :

LENGTH : 2.67 m

WIDTH : 1.51 m

HEIGHT : 1.56 m

WHEELBASE : 1.65 m

MAXIMUM STEP HEIGHT : 0 cm

FLOOR HEIGHT : 25.4 cm

INTERIOR HEADROOM : 1 m

DOOR OPENING WIDTHS :

FRONT : 90 cm

REAR OR SIDE : 96 cm

TURNING RADIUS : 4.3 m

TIRE SIZE : 125/50R12

ENGINE : In-Line 4, 1 L gas

TRANSMISSION : Automatic

SUSPENSION : Cone spring & dampers

BRAKES : Drum

STEERING : Servo assisted

AIR CONDITIONING : —

FUEL TANK CAPACITY : 37.9 L

GROSS VEHICLE WEIGHT : 680.4 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

☐ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

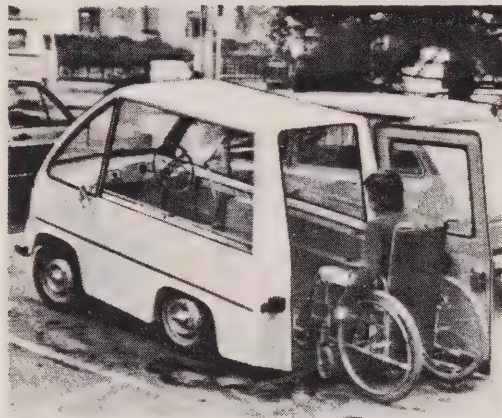
☒ FLIP-DOWN SEAT



EGZO 3-H

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 1 wheelchair passenger**DIMENSIONS :****LENGTH :** 2.36 m**WIDTH :** 1.27 m**HEIGHT :** 1.50 m**WHEELBASE :** 1.65 m**MAXIMUM STEP HEIGHT :** 0 cm**FLOOR HEIGHT :** 25.4 cm**INTERIOR HEADROOM :** 1 m**DOOR OPENING WIDTHS :****FRONT :** 90 cm**REAR OR SIDE :** 94 cm**TURNING RADIUS :** 4.3 m**TIRE SIZE :** 125/50R12**ENGINE :** Gas, diesel, electric**TRANSMISSION :** Automatic**SUSPENSION :** Helicoidal springs & dampers**BRAKES :** Drum**STEERING :** Rack & pinion**AIR CONDITIONING :** —**FUEL TANK CAPACITY :** 14 L**GROSS VEHICLE WEIGHT :** 450 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT

Personal Car



Handicar

Teihol "Handicar"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 1 seated + 1 wheelchair passenger

DIMENSIONS :

LENGTH : 2.42 m

WIDTH : 1.35 m

HEIGHT : 1.55 m

WHEELBASE : 1.70 m

MAXIMUM STEP HEIGHT : 0 cm

FLOOR HEIGHT : 22.5 cm

INTERIOR HEADROOM : 1 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 94 cm

TURNING RADIUS : 4.65 m

TIRE SIZE : 125/50R12

ENGINE : Electric (4 kW)

TRANSMISSION : Automatic

SUSPENSION : Coil spring

BRAKES : Drum

STEERING : Rack & pinion

AIR CONDITIONING : —

FUEL TANK CAPACITY : —

GROSS VEHICLE WEIGHT : 630 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

☐ WHEELCHAIR LIFT

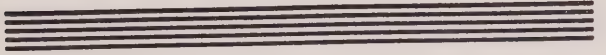
☐ WHEELCHAIR RAMP

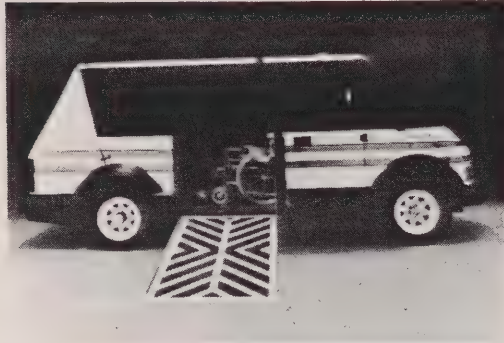
☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

TAXI



Taxi

TransitTaxi

Dutcher Motors "TransitTaxi"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 4 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 4.85 m

WIDTH : 1.96 m

HEIGHT : 1.99 m

WHEELBASE : 2.88 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 30.5 cm

INTERIOR HEADROOM : 1.52 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 1.02 m

TURNING RADIUS : 5.49 m

TIRE SIZE : 200/80R14

ENGINE : Ford; 2.3 L, 2.9 L

TRANSMISSION : 4-speed automatic

SUSPENSION : Coil spring

BRAKES : Power disc

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 75.7 L

GROSS VEHICLE WEIGHT : 2100 kg

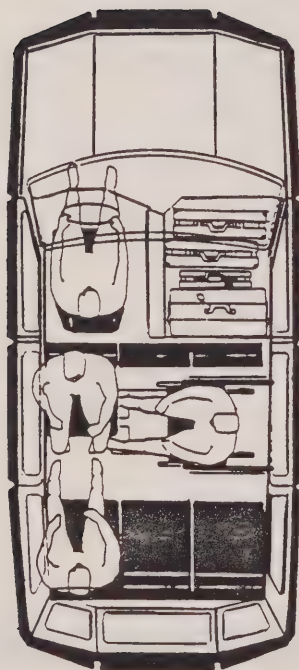
OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
 - ☐ WHEELCHAIR LIFT
 - ☒ WHEELCHAIR RAMP
 - ☒ WHEELCHAIR STATION
 - ☒ WHEELCHAIR SECUREMENT
 - ☒ FLIP-DOWN SEAT
-
-
-
-
-
-
-

Taxi



GSM Taxi



GSM Taxi

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 3 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 4.27 m

WIDTH : 1.91 m

HEIGHT : 1.91 m

WHEELBASE : 2.81 m

MAXIMUM STEP HEIGHT : 30 cm

FLOOR HEIGHT : 30 cm

INTERIOR HEADROOM : 1.02 m

DOOR OPENING WIDTHS :

FRONT : 98 cm

REAR OR SIDE : 98 cm

TURNING RADIUS : 11.1 m

TIRE SIZE : 205/75R15

ENGINE : GM in-line 6, 4.1 L

TRANSMISSION : GM 400 automatic

SUSPENSION : Coil spring, A-arms, tube shocks

BRAKES : Disc & drum

STEERING : Power assisted

AIR CONDITIONING : Available

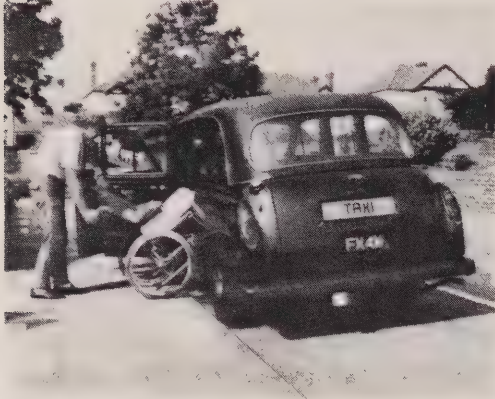
FUEL TANK CAPACITY : 95 L

GROSS VEHICLE WEIGHT : 1600 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☐ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

Taxi



London Taxi "FX4W"

London Taxis "FX4W"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 4 seated + 1 wheelchair passenger

DIMENSIONS :

LENGTH : 4.58 m

WIDTH : 1.74 m

HEIGHT : 1.77 m

WHEELBASE : 2.81 m

MAXIMUM STEP HEIGHT : 22.5 cm

FLOOR HEIGHT : 22.5 cm

INTERIOR HEADROOM : 0.97 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : 92 cm

TURNING RADIUS : 7.62 m

TIRE SIZE : 175R16

ENGINE : Land Rover 2.5 L, diesel

TRANSMISSION : Manual, automatic

SUSPENSION : Leaf & coil spring

BRAKES : Drum

STEERING : Power assisted

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 52.3 L

GROSS VEHICLE WEIGHT : 1562 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☐ WHEELCHAIR LIFT

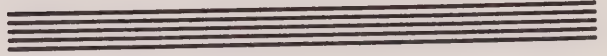
☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

MINI-VAN



Mini-Van (Chrysler)



Dispatcher

Air Surrey Inc. "Dispatcher"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 4 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 4.47 m

WIDTH : 1.78 m

HEIGHT : 1.98 m

WHEELBASE : 2.84 m

MAXIMUM STEP HEIGHT : 45.7 cm

FLOOR HEIGHT : 45.7 cm

INTERIOR HEADROOM : 1.3 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 6.28 m

TIRE SIZE : P195/.75R14

ENGINE : 2,2 L, 2,6 L; gas

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power, rack & pinion

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 72.7 L, 90.9 L

GROSS VEHICLE WEIGHT : 2181.3 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☐ WHEELCHAIR LIFT

☒ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Mini-Van (Dodge, Plymouth)

Braun Corp. "Wheelchair Caravan"



Wheelchair Caravan

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 1 seated + 3 wheelchair passengers

DIMENSIONS :

LENGTH : 4.47 m

WIDTH : 1.78 m

HEIGHT : 1.93 – 2.04 m

WHEELBASE : 2.84 m

MAXIMUM STEP HEIGHT : 45.7 cm

FLOOR HEIGHT : 45.7 cm

INTERIOR HEADROOM : 1.22 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 6.28 m

TIRE SIZE : P205/70R14

ENGINE : In-line 4; 2,2 L, 2,6 L; gas

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power, rack & pinion

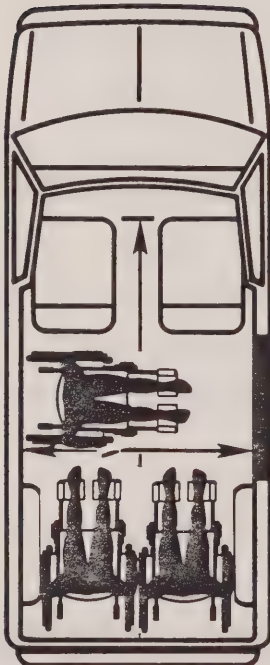
AIR CONDITIONING : Available

FUEL TANK CAPACITY : 72.7 L, 90.9 L

GROSS VEHICLE WEIGHT : 2181.3 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

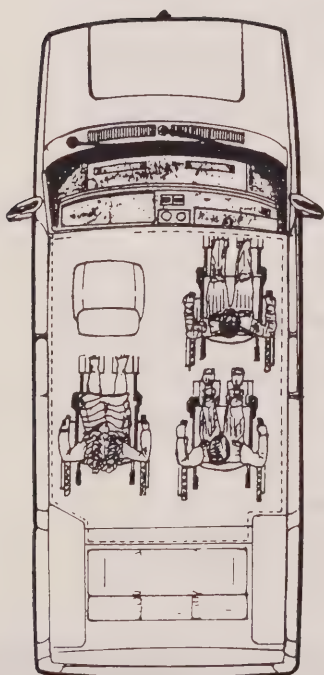
- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☐ FLIP-DOWN SEAT



Mini-Van (Dodge, Plymouth)



Transporter



Care Concepts Inc. "Transporter"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 3 seated + 3 wheelchair passengers

DIMENSIONS :

LENGTH : 4.47 m

WIDTH : 1.78 m

HEIGHT : 1.92 m

WHEELBASE : 2.84 m

MAXIMUM STEP HEIGHT : 25.4 cm

FLOOR HEIGHT : 25.4 cm

INTERIOR HEADROOM : 1.49 m

DOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 6.28 m

TIRE SIZE : P205/70R14

ENGINE : In-line 4; 2.2 L, 2.6 L

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power, rack & pinion

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 72.7 L, 90.9 L

GROSS VEHICLE WEIGHT : 2181.3 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☐ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☐ FLIP-DOWN SEAT

TYPE OF VEHICLE

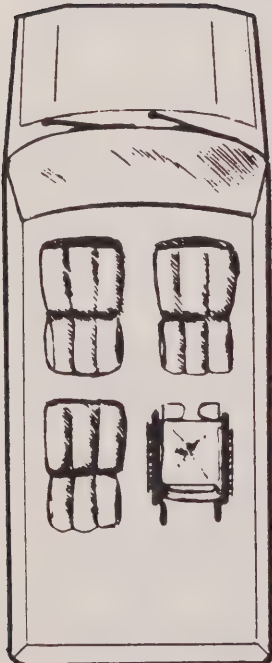
Mini-Van (Dodge, Plymouth)

MAKE AND MODEL

Target Industries "Mini-Van"



Target Industries "Mini-Van"



VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 2 seated + 1 wheelchair passenger

DIMENSIONS :

LENGTH : 4.47 m

WIDTH : 1.78 m

HEIGHT : 1.92 m

WHEELBASE : 2.84 m

MAXIMUM STEP HEIGHT : 45.7 cm

FLOOR HEIGHT : 45.7 cm

INTERIOR HEADROOM : 1.4 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 6.28 m

TIRE SIZE : P205/70R14

ENGINE : In-line 4; 2.2 L, 2.6 L

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power, rack & pinion

AIR CONDITIONING : Available

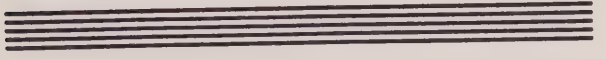
FUEL TANK CAPACITY : 72.7 L, 90.9 L

GROSS VEHICLE WEIGHT : 2181.3 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☐ FLIP-DOWN SEAT

VAN



Van (Ford)

Campwagon



Campwagon

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 10

DIMENSIONS :

LENGTH : 5.79 m

WIDTH : 2.13 m

HEIGHT : 2.32 m

WHEELBASE : 3.51 m

MAXIMUM STEP HEIGHT : 48.3 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.35 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 96 cm

TURNING RADIUS : 7.32 m

TIRE SIZE : 235/75R15

ENGINE : 5 L, gas

TRANSMISSION : Automatic, overdrive

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

AIR CONDITIONING : Scott

FUEL TANK CAPACITY : 132 L

GROSS VEHICLE WEIGHT : 4126.9 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER☒ WHEELCHAIR LIFT☒ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

TYPE OF VEHICLE

Van (Dodge)



Super Metrovan

MAKE AND MODEL

Coach & Equipment "Super Metrovan"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 6 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 5.79 m

WIDTH : 2.03 m

HEIGHT : 2.82 m

WHEELBASE : 3.24 m

MAXIMUM STEP HEIGHT : 48.3 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 96 cm

TURNING RADIUS : 7.32 m

TIRE SIZE : 9 x 16.5

ENGINE : Gas, diesel, propane

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 132 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

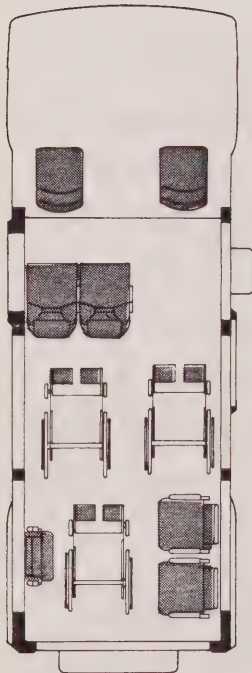
☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Van (Renault, Fiat, Peugeot)



Durisotti "Minicar"

Nine-passenger configuration,
including three wheelchair stations

Durisotti "Minicar"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 9 – 12 seated + 1 – 5
wheelchair passengers

DIMENSIONS :

LENGTH : 3.95 m

WIDTH : 1.70 m

HEIGHT : 2.39 m

WHEELBASE : 3.05 m

MAXIMUM STEP HEIGHT : 45 cm

FLOOR HEIGHT : 45 cm

INTERIOR HEADROOM : 1.68 m

DOOR OPENING WIDTHS :

FRONT : 91 cm

REAR OR SIDE : 110 cm

TURNING RADIUS : —

TIRE SIZE : 16 x 205

ENGINE : Gas, diesel

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power

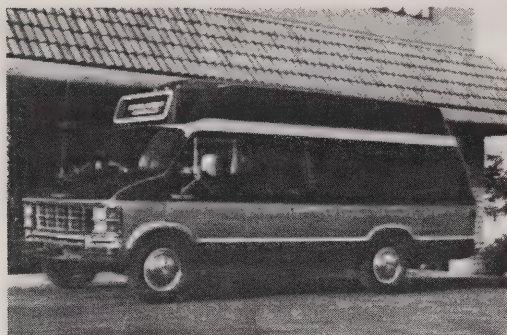
AIR CONDITIONING : Available

FUEL TANK CAPACITY : 100 L

GROSS VEHICLE WEIGHT : 3730 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☐ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT



Wide-One

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 6 – 17 seated + 1 – 4
wheelchair passengers

DIMENSIONS :

LENGTH : 5.70 m
WIDTH : 2.41 m
HEIGHT : 2.68 m

WHEELBASE : 3.25 m

MAXIMUM STEP HEIGHT : 28 cm

FLOOR HEIGHT : 64 cm

INTERIOR HEADROOM : 1.88 m

DOOR OPENING WIDTHS :

FRONT : 79 cm
REAR OR SIDE : 127 cm

TURNING RADIUS : —

TIRE SIZE : —

ENGINE : V-8, 5.9 L, gas

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Assisted disc & drum

STEERING : Power

AIR CONDITIONING : —

FUEL TANK CAPACITY : 140 L

GROSS VEHICLE WEIGHT : 4087 kg

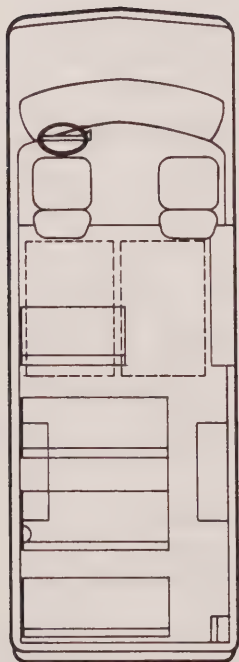
OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
☒ WHEELCHAIR LIFT
☒ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

Van (Dodge, Ford, Chevrolet)



Funcraft



Dodge Maxi with two wheelchair stations

Funcraft

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 10 – 12 seated + 1 – 2
wheelchair passengers

DIMENSIONS :

LENGTH : 4.45 – 5.79 m

WIDTH : 1.80 – 2.13 m

HEIGHT : 1.52 – 3.05 m

WHEELBASE : 3.02 – 3.15 m

MAXIMUM STEP HEIGHT : 48.3 cm

FLOOR HEIGHT : 38.1 – 76.2 cm

INTERIOR HEADROOM : 1.27 – 1.98 m

DOOR OPENING WIDTHS :

FRONT : 76.2 cm

REAR OR SIDE : 76.2 – 127 cm

TURNING RADIUS : 7.32 m

TIRE SIZE : 9 x 16.5

ENGINE : Gas, propane, diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 75.6 L, 151.4 L

GROSS VEHICLE WEIGHT : to 4126.9 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT



Transit Van

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 8 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 5.79 m

WIDTH : 2.13 m

HEIGHT : 2.84 m

WHEELBASE : 3.51 m

MAXIMUM STEP HEIGHT : 48.3 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 1.09 m

TURNING RADIUS : 7.32 m

TIRE SIZE : 9 x 16.5

ENGINE : 5.75 L gas, 6.9 L diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 151.4 L

GROSS VEHICLE WEIGHT : 4126.9 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☒ WHEELCHAIR LIFT

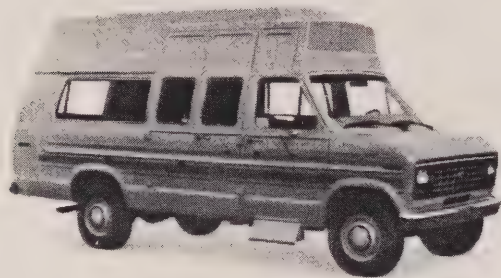
☒ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

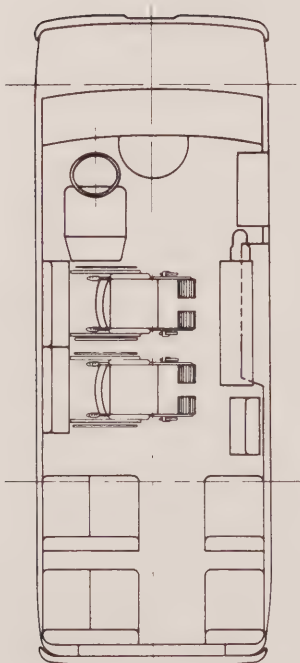
☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Van (Ford)



Premiere



Specialty Vehicles "Premiere"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 6 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 5.79 m

WIDTH : 2.13 m

HEIGHT : 2.84 m

WHEELBASE : 3.51 m

MAXIMUM STEP HEIGHT : 48.3 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 1.09 m

TURNING RADIUS : 7.32 m

TIRE SIZE : 9 x 16.5

ENGINE : 5.75 L gas, 6.9 L diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 75.6 L, 151.4 L

GROS VEHICLE WEIGHT : 4126.9 kg

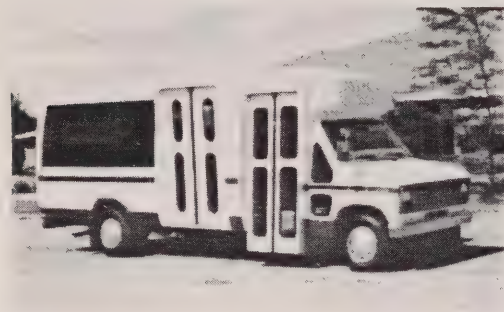
OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

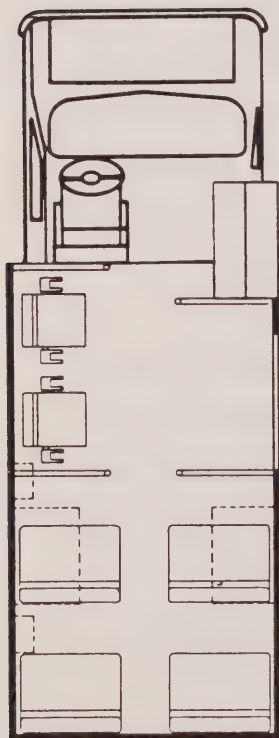
BODY-ON-CHASSIS



VEHICLE SPECIFICATIONS**PASSENGER CAPACITY : 16****DIMENSIONS :****LENGTH : 5.16 m, 5.38 m****WIDTH : 2.44 m****HEIGHT : 2.62 m****WHEELBASE : 3.18 m, 3.51 m****MAXIMUM STEP HEIGHT : 30.5 cm****FLOOR HEIGHT : 66 cm****INTERIOR HEADROOM : 1.88 m****DOOR OPENING WIDTHS :****FRONT : 61 cm****REAR OR SIDE : —****TURNING RADIUS : 6.78 m****TIRE SIZE : 8 x 16.5****ENGINE : Ford, GMC****TRANSMISSION : Automatic****SUSPENSION : Leaf & coil spring****BRAKES : Hydraulic****STEERING : Power****AIR CONDITIONING : Available****FUEL TANK CAPACITY : 83.3 L****GROSS VEHICLE WEIGHT : 4988.5 kg****OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford)

Champion "TTA"



Optional floorplan of 6.1-metre Champion

Champion "TTA"**VEHICLE SPECIFICATIONS**

PASSENGER CAPACITY : 8 – 20 (2 wheelchair passengers)

DIMENSIONS :

LENGTH : 6.10 – 8.53 m

WIDTH : 2.36 m

HEIGHT : 2.74 m

WHEELBASE : 3.71 – 4.47 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.93 m

DOOR OPENING WIDTHS :

FRONT : 81.3 cm

REAR OR SIDE : 1.04 – 1.27 m

TURNING RADIUS : —

TIRE SIZE : 8.75 x 16

ENGINE : Gas, diesel, propane

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring, air

BRAKES : Power disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 181.8 L

GROSS VEHICLE WEIGHT : 4535 – 6621.1 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford)



Challenger

Coach & Equipment “Challenger”

PASSENGER CAPACITY : 20

LENGTH : 6.56 m
WIDTH : 2.36 m
HEIGHT : 2.72 m

WHEELBASE : 4.01 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 61 cm

INTERIOR HEADROOM : 1.93 m

DOOR OPENING WIDTHS :

FRONT : 66 cm
REAR OR SIDE : 76 cm

TURNING RADIUS : 8.21 m

TIRE SIZE : 8.75 x 16.5

ENGINE : Ford 7.5 L gas; 6.9 L diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 182.3 L

GROSS VEHICLE WEIGHT : 4988.5 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
☒ WHEELCHAIR LIFT
☐ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

Body-on-Chassis (Iveco)**Coach & Equipment "Shadow"****Shadow****VEHICLE SPECIFICATIONS****PASSENGER CAPACITY : 27****DIMENSIONS :**

LENGTH : 8 m

WIDTH : 2.36 m

HEIGHT : 2.84 m

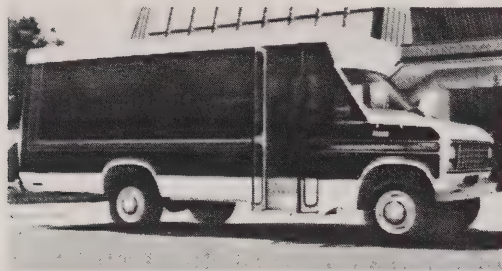
WHEELBASE : 4.42 m**MAXIMUM STEP HEIGHT : 38.1 cm****FLOOR HEIGHT : 99.1 cm****INTERIOR HEADROOM : 1.96 m****DOOR OPENING WIDTHS :**

FRONT : 68.6 cm

REAR OR SIDE : 76 cm

TURNING RADIUS : 12.8 m**TIRE SIZE : 8.5 x 17.5****ENGINE : Iveco in-line 6, 5.83 L diesel****TRANSMISSION : Automatic A727****SUSPENSION : Leaf & coil spring****BRAKES : Hydraulic****STEERING : Power****AIR CONDITIONING : Available****FUEL TANK CAPACITY : 165 L****GROSS VEHICLE WEIGHT : 6711.8 kg****OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Collins "Omni"



Omni

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 18

DIMENSIONS :

LENGTH : 6.22 m

WIDTH : 2.03 m

HEIGHT : 2.97 m

WHEELBASE : 3.51 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.85 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : 1.02 m

TURNING RADIUS : 7.32 m

TIRE SIZE : 9 x 16.5

ENGINE : Ford 6.8 L diesel

TRANSMISSION : Ford C6 automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power

AIR CONDITIONING : A.R.A. Scott

FUEL TANK CAPACITY : 151.4 L

GROSS VEHICLE WEIGHT : 2857.1 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
☒ WHEELCHAIR LIFT
☒ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford)



Diamond VIP 2800

Coons "Diamond GT" & "VIP"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 15 – 29

DIMENSIONS :

LENGTH : 6.93 m, 8.36 m

WIDTH : 2.21 m, 2.41 m

HEIGHT : 2.67 m, 2.84 m

WHEELBASE : 3.51 m, 4.47 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 71.1 cm

INTERIOR HEADROOM : 1.84 m

DOOR OPENING WIDTHS :

FRONT : 73.7 cm

REAR OR SIDE : —

TURNING RADIUS : 8.53 m, 9.45 m

TIRE SIZE : 215/85R16

ENGINE : Gas, propane, diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring, air

BRAKES : Hydraulic

STEERING : Power XR50

AIR CONDITIONING : Suetrak, A.R.A.

FUEL TANK CAPACITY : 160.9 L

GROSS VEHICLE WEIGHT : 3854.8 kg, 4535 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT



Falcon

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 21 – 29

DIMENSIONS :

LENGTH : 6.71 m, 8.99 m

WIDTH : 2.41 m

HEIGHT : 2.87 m

WHEELBASE : 4.01 m, 4.47 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.92 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : —

TURNING RADIUS : 8.53 m, 9.45 m

TIRE SIZE : 8.75 x 16.5

ENGINE : Ford 7.54 L gas; IHC diesel

TRANSMISSION : Ford C6 automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power assisted

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 151.4 L

GROSS VEHICLE WEIGHT : to 4036.2 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

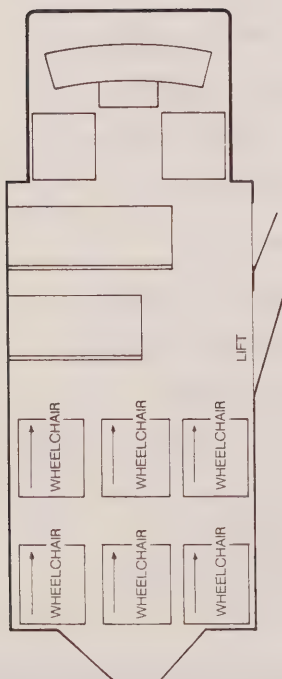
- ☐ KNEELER
☒ WHEELCHAIR LIFT
☐ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford)

Funcraft



Funcraft



Optional floorplan for 4.01-m wheelbase

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 5 – 8 seated + 4 – 6
wheelchair passengers

DIMENSIONS :

LENGTH : 4.67 m, 5.28 m

WIDTH : 2.18 m

HEIGHT : 3.05 m

WHEELBASE : 3.5 m, 4.01 m

MAXIMUM STEP HEIGHT : 38.1 cm

FLOOR HEIGHT : 86.4 cm

INTERIOR HEADROOM : 1.83 m

DOOR OPENING WIDTHS :

FRONT : 63.5 cm

REAR OR SIDE : 107 cm, 132 cm

TURNING RADIUS : 4.57 m, 6.10 m

TIRE SIZE : LT 215/85R16

ENGINE : Gas, diesel, propane

TRANSMISSION : Automatic

SUSPENSION : Heavy duty

BRAKES : Power disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 130.6 L

GROSS VEHICLE WEIGHT : 4761.8 kg, 4988.5 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

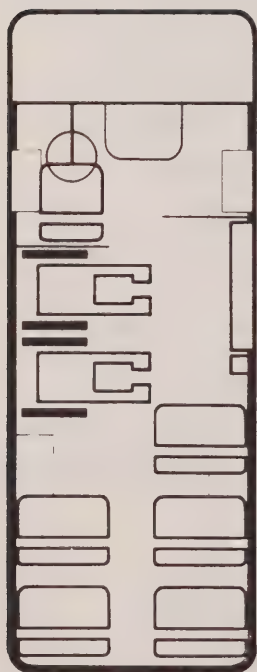
- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

TYPE OF VEHICLE

Body-on-Chassis (Ford, Dodge, Chevrolet)



Bantam



12-passenger configuration,
including two wheelchairs

MAKE AND MODEL

Girardin "Bantam"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 2 – 10 seated + 2 – 4
wheelchair passengers

DIMENSIONS :

LENGTH : 5.61 m, 6.20 m

WIDTH : 2 m

HEIGHT : 2.62 m

WHEELBASE : 3.24 m, 3.50 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.6 m, 1.88 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : 143 cm, 168 cm

TURNING RADIUS : 7.32 m

TIRE SIZE : 6.75 X 16.5

ENGINE : Gas, diesel, propane

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Power disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 132 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

TYPE OF VEHICLE

Body-on-Chassis (Iveco)

MAKE AND MODEL

Goshen Coach "280"



Goshen "280"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 29

DIMENSIONS :

LENGTH : 8.94 m

WIDTH : 2.44 m

HEIGHT : 2.91 m

WHEELBASE : 4.72 m

MAXIMUM STEP HEIGHT : 31.8 cm

FLOOR HEIGHT : 80.1 cm

INTERIOR HEADROOM : 1.97 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 1.07 m

TURNING RADIUS : 12.8 m

TIRE SIZE : 8.5 X 17.5

ENGINE : Iveco in-line 6, turbo diesel

TRANSMISSION : 5-speed manual

SUSPENSION : Leaf spring front & Mor/Ryde rear

BRAKES : Hydraulic

STEERING : Power, mechanical

AIR CONDITIONING : Trans Air

FUEL TANK CAPACITY : 137 L, 272.5 L

GROSS VEHICLE WEIGHT : 8231 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

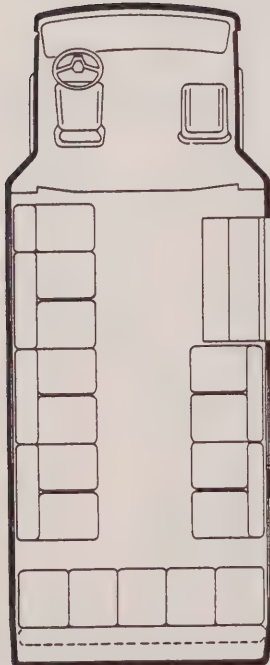
☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford)**Goshen "Sentry"****Goshen Coach "Sentry"****VEHICLE SPECIFICATIONS****PASSENGER CAPACITY :** 17**DIMENSIONS :**

LENGTH : 7.11 m

WIDTH : 2.39 m

HEIGHT : 2.84 m

WHEELBASE : 4.01 m**MAXIMUM STEP HEIGHT :** 31.8 cm**FLOOR HEIGHT :** 80.1 cm**INTERIOR HEADROOM :** 1.92 m**DOOR OPENING WIDTHS :**

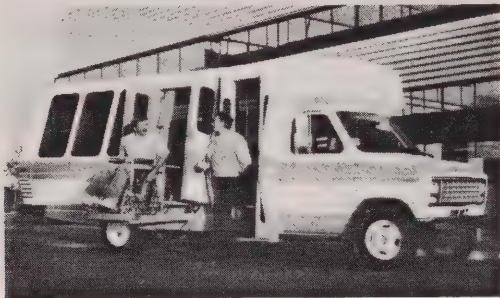
FRONT : —

REAR OR SIDE : 78.7 cm

TURNING RADIUS : —**TIRE SIZE :** LT 215/85R16**ENGINE :** Ford 7.54 L gas**TRANSMISSION :** Ford C6 automatic**SUSPENSION :** Leaf & coil spring**BRAKES :** Disc & drum**STEERING :** Power XR50**AIR CONDITIONING :** Trans Air**FUEL TANK CAPACITY :** 151.4 L**GROSS VEHICLE WEIGHT :** 4988.5 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

Body-on-Chassis (Ford, Dodge)



Escort II

National Coach "Escort II"

PASSENGER CAPACITY : 20

LENGTH : 6.96 m

WIDTH : 2.41 m

HEIGHT : 2.90 m

WHEELBASE : 4.01 m

MAXIMUM STEP HEIGHT : 33 cm

FLOOR HEIGHT : 68.6 cm

INTERIOR HEADROOM : 1.91 m

DOOR OPENING WIDTHS :

FRONT : 67.3 cm

REAR OR SIDE : 90.2 cm

TURNING RADIUS : 8.53 m

TIRE SIZE : LT 215/85R16

ENGINE : Ford 7.54 L gas; 6.9 L diesel

TRANSMISSION : Ford C6 automatic

SUSPENSION : Leaf & coil spring

BRAKES : Disc & drum

STEERING : Power

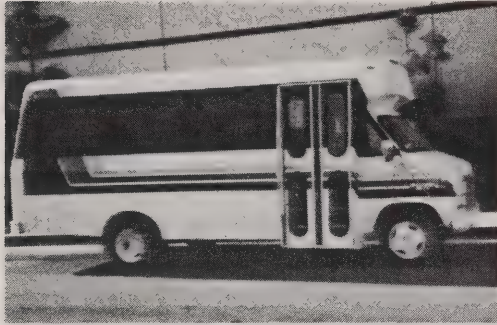
AIR CONDITIONING : Available

FUEL TANK CAPACITY : 151.4 L

GROSS VEHICLE WEIGHT : 3492 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
☒ WHEELCHAIR LIFT
☒ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

Body-on-Chassis (Chevrolet)**C-20****Specialty Vehicles "C-20"**

VEHICLE SPECIFICATIONS
PASSENGER CAPACITY : 21**DIMENSIONS :**

LENGTH : 6.58 m

WIDTH : 2.39 m

HEIGHT : 2.72 m

WHEELBASE : 4.01 m**MAXIMUM STEP HEIGHT :** 30.5 cm**FLOOR HEIGHT :** 66 cm**INTERIOR HEADROOM :** 1.88 m**DOOR OPENING WIDTHS :**

FRONT : —

REAR OR SIDE : 91.4 cm

TURNING RADIUS : —**TIRE SIZE :** 8.75 x 16.5**ENGINE :** Ford E-350 gas, diesel, propane**TRANSMISSION :** 3-speed automatic**SUSPENSION :** Leaf & coil spring**BRAKES :** Hydraulic**STEERING :** Power XR50**AIR CONDITIONING :** Scott**FUEL TANK CAPACITY :** 151.4 L**GROSS VEHICLE WEIGHT :** —**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

TYPE OF VEHICLE

**Body-on-Chassis (Chevrolet,
GMC)**



Mighty Mite

MAKE AND MODEL

Thomas "Mighty Mite"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 16 – 28

DIMENSIONS :

LENGTH : 5.72 – 7.42 m

WIDTH : 2.44 m

HEIGHT : 2.90 m

WHEELBASE : 3.17 – 3.99 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.85 m, 1.98 m

DOOR OPENING WIDTHS :

FRONT : 76.2 cm

REAR OR SIDE : 81.3 cm

TURNING RADIUS : —

TIRE SIZE : 8.75 X 16.5

ENGINE : Gas, diesel

TRANSMISSION : Automatic, manual

SUSPENSION : Leaf & coil spring, air

BRAKES : Power disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 227.3 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Body-on-Chassis



Minotour 1

MAKE AND MODEL

Thomas "Minotour I"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 12

DIMENSIONS :

LENGTH : 5.57 m

WIDTH : 2.44 m

HEIGHT : 2.75 m

WHEELBASE : 3.51 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.85 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : 83.8 cm

TURNING RADIUS : —————

TIRE SIZE : 8.75 x 16.5

ENGINE : Gas, diesel

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 100 L

GROSS VEHICLE WEIGHT : 4535 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER☐ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

TYPE OF VEHICLE

Body-on-Chassis (Ford,
Chevrolet)



Terra Transit "TTV-E"

MAKE AND MODEL

Turtle Top Terra Transit "TTV-E"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 15 – 29

DIMENSIONS :

LENGTH : 6.34 m, 7.11 m

WIDTH : 2.39 m

HEIGHT : 2.44 m, 2.92 m

WHEELBASE : 3.18 – 4.01 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 73.7 cm

INTERIOR HEADROOM : 1.88 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : 1.02 m

TURNING RADIUS : 7.45 m

TIRE SIZE : 9 x 16.5

ENGINE : Gas, diesel

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring

BRAKES : Hydraulic

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 151.4 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

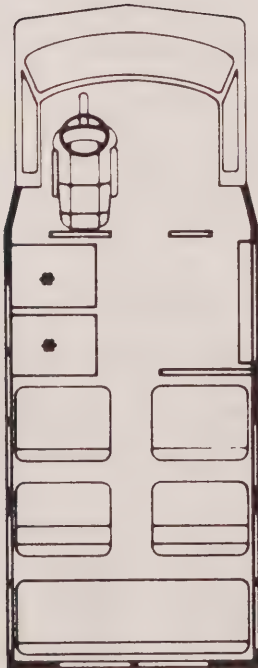
☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT



15-passenger configuration,
including two wheelchair stations

TYPE OF VEHICLE

Body-on-Chassis (Chevrolet,
GMC)



Chaperone



Chaperone II

MAKE AND MODEL

Wayne "Chaperone", "Chaperone II"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 11 – 15 (2 – 4 wheelchair passengers)

DIMENSIONS :

LENGTH : 5.43 m, 6.55 m

WIDTH : 2.43 m

HEIGHT : 2.64 m, 2.77 m

WHEELBASE : 3.18 m, 4.01 m

MAXIMUM STEP HEIGHT : 24.1 cm, 25.4 cm

FLOOR HEIGHT : 62.2 cm, 63.5 cm

INTERIOR HEADROOM : 1.93 m, 1.85 m

DOOR OPENING WIDTHS :

FRONT : 61 cm

REAR OR SIDE : 88.9 cm

TURNING RADIUS : 7.34 m, 8.49 m

TIRE SIZE : 8 x 16.5, 8.75 x 16.5

ENGINE : Gas, diesel, propane

TRANSMISSION : Automatic

SUSPENSION : Leaf & coil spring

BRAKES : Power disc & drum

STEERING : Power

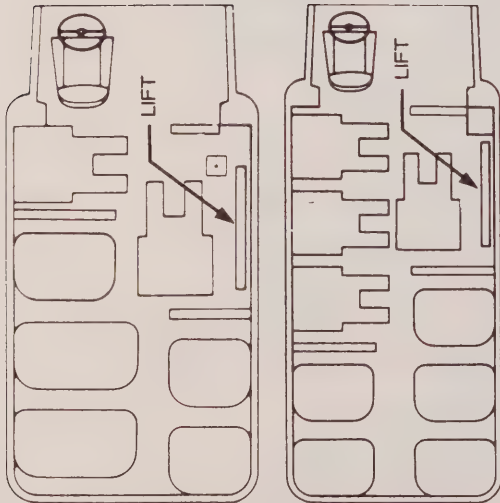
AIR CONDITIONING : Available

FUEL TANK CAPACITY : 150 L, 181.8 L

GROSS VEHICLE WEIGHT : 4535 kg, 5237.9 kg

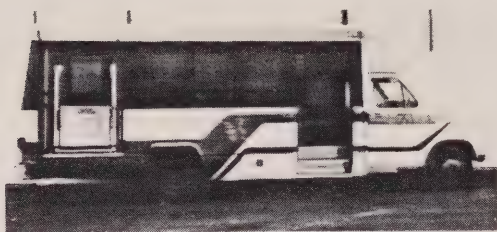
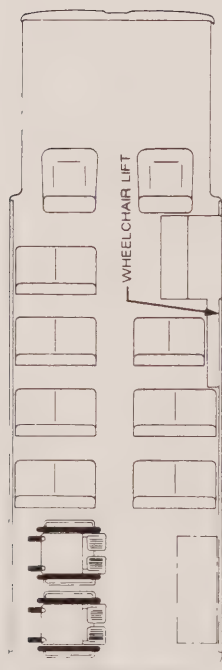
OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT



Left, Chaperone: 14-passenger configuration, including two wheelchair passengers

Right, Chaperone II: 14-passenger configuration, including four wheelchair passengers

Body-on-Chassis (Ford)**Wheeled Coach "1900WC"****1900WC****Optional floorplan****VEHICLE SPECIFICATIONS**

PASSENGER CAPACITY : 15 seated + 2 wheelchair passengers

DIMENSIONS :

LENGTH : 7.52 m

WIDTH : 2.43 m

HEIGHT : 2.84 m

WHEELBASE : —

MAXIMUM STEP HEIGHT : 33 cm

FLOOR HEIGHT : 68.6 cm

INTERIOR HEADROOM : 1.93 m

DOOR OPENING WIDTHS :

FRONT : 88.9 cm

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 7.92 m

TIRE SIZE : 8 x 16

ENGINE : Ford 7.54 L gas, diesel

TRANSMISSION : 3-speed automatic

SUSPENSION : Leaf & coil spring, air

BRAKES : Power disc & drum

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 113.7 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

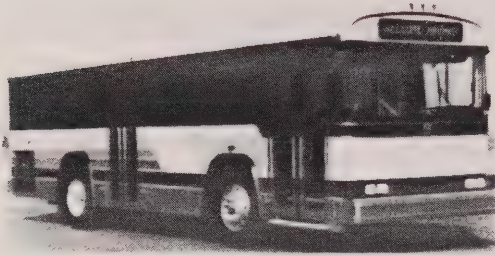
- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

SMALL BUS



Small Bus

Blue Bird "MT-30"



Blue Bird "MT-30"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 31

DIMENSIONS :

LENGTH : 9.72 m

WIDTH : 2.44 m

HEIGHT : 3 m

WHEELBASE : 4.37 m

MAXIMUM STEP HEIGHT : 36.8 cm

FLOOR HEIGHT : 77.4 cm

INTERIOR HEADROOM : 1.93 m

DOOR OPENING WIDTHS :

FRONT : 88.9 cm

REAR OR SIDE : 78.7 cm

TURNING RADIUS : 10.06 m

TIRE SIZE : 11 x 22.5

ENGINE : Detroit 6V71N diesel

TRANSMISSION : Allison MT644 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Ross Power

AIR CONDITIONING : Thermo King

FUEL TANK CAPACITY : 374.8 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Small Bus



Boyertown "Trolley Bus"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 16 – 35

DIMENSIONS :

LENGTH : 5.92 – 8 m

WIDTH : 2.44 m

HEIGHT : 3.2 – 3.3 m

WHEELBASE : 3.18 – 5.97 m

MAXIMUM STEP HEIGHT : 30.5 – 38.1 cm

FLOOR HEIGHT : 78.7 – 86.3 cm

INTERIOR HEADROOM : 2.29 m

DOOR OPENING WIDTHS :

FRONT : 122 cm

REAR OR SIDE : 61 cm

TURNING RADIUS : —

TIRE SIZE : 8.25 x 20

ENGINE : Chevrolet 6.2 L gas, 8.2 L diesel

TRANSMISSION : Allison AT545, automatic

SUSPENSION : Air, leaf spring

BRAKES : Air

STEERING : Saginaw POWER

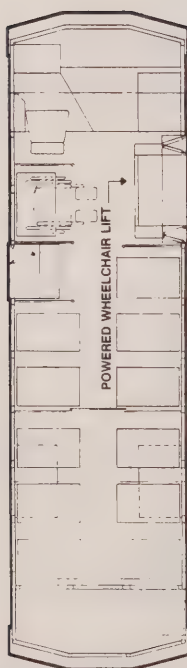
AIR CONDITIONING : AC/Delco

FUEL TANK CAPACITY : 113.6 L, 227.1 L

GROSS VEHICLE WEIGHT : 7936.3 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT



24-passenger configuration

Small Bus**Ameribus****Chance Coach Inc. "Ameribus"**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 30**DIMENSIONS :**

LENGTH : 8.84 m

WIDTH : 2.44 m

HEIGHT : 3 m

WHEELBASE : 4.19 m**MAXIMUM STEP HEIGHT :** 30.5 cm**FLOOR HEIGHT :** 81.3 cm**INTERIOR HEADROOM :** 2.08 m**DOOR OPENING WIDTHS :**

FRONT : 99 cm

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 9.75 m**TIRE SIZE :** 9 x 20**ENGINE :** Caterpillar diesel**TRANSMISSION :** Allison automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** Power**AIR CONDITIONING :** Thermo King T-2**FUEL TANK CAPACITY :** 380 L**GROSS VEHICLE WEIGHT :** 11 336 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☒ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Small Bus



RT-50

Chance Coach Inc. "RT-50"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 25

DIMENSIONS :

LENGTH : 7.90 m

WIDTH : 2.44 m

HEIGHT : 3.05 m

WHEELBASE : 4.27 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 81.3 cm

INTERIOR HEADROOM : 1.92 m

DOOR OPENING WIDTHS :

FRONT : —

REAR OR SIDE : —

TURNING RADIUS : —

TIRE SIZE : 8.25 x 20

ENGINE : Caterpillar diesel

TRANSMISSION : Allison AT545 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Ross Power

AIR CONDITIONING : Thermo King B1

FUEL TANK CAPACITY : 260 L

GROSS VEHICLE WEIGHT : 9975.5 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

Small Bus

EIDorado "MST"



MST

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 35

DIMENSIONS :

LENGTH : 9.50 m

WIDTH : 2.44 m

HEIGHT : 2.90 m

WHEELBASE : 5.49 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 66 cm

INTERIOR HEADROOM : 1.91 m

DOOR OPENING WIDTHS :

FRONT : 76.2 cm

REAR OR SIDE : —

TURNING RADIUS : —

TIRE SIZE : 255/70R16.5

ENGINE : Detroit diesel

TRANSMISSION : Allison AT545 automatic

SUSPENSION : Air, leaf

BRAKES : Hydraulic

STEERING : Power

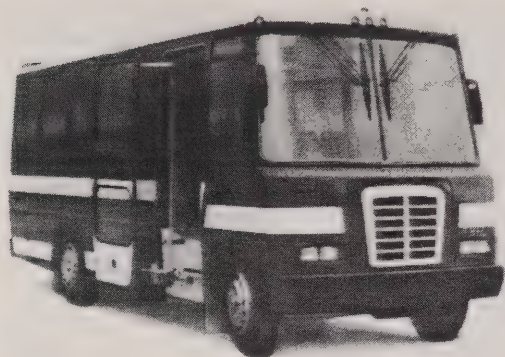
AIR CONDITIONING : Ind. 763

FUEL TANK CAPACITY : 227.1 L

GROSS VEHICLE WEIGHT : 5986.2 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Small Bus**Irizar Transit Coach****Irizar Transit Coach**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY : 31****DIMENSIONS :****LENGTH : 7.72 m****WIDTH : 2.41 m****HEIGHT : 3.15 m****WHEELBASE : 4.24 m****MAXIMUM STEP HEIGHT : 34.3 cm****FLOOR HEIGHT : 74.9 cm****INTERIOR HEADROOM : 1.88 m****DOOR OPENING WIDTHS :****FRONT : 1.02 m****REAR OR SIDE : —****TURNING RADIUS : 16.76 m****TIRE SIZE : 8.25 x 20****ENGINE : Detroit 8.2 L diesel****TRANSMISSION : Allison AT545 automatic****SUSPENSION : Leaf****BRAKES : Air****STEERING : ZFS2 Power****AIR CONDITIONING : Available****FUEL TANK CAPACITY : 227.1 L****GROSS VEHICLE WEIGHT : 6538.1 kg****OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Small Bus



MCR "8200DL"

MCR "8200DL"

PASSENGER CAPACITY : 18 seated + 2 wheelchair passengers

LENGTH : 8.84 m
WIDTH : 2.50 m
HEIGHT : 2.69 m

WHEELBASE : 5.13 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 35.6 cm

INTERIOR HEADROOM : 2.26 m

FRONT : 66 cm
REAR OR SIDE : 102 cm

TURNING RADIUS : 9.14 m

TIRE SIZE : 11/70R22.5

ENGINE : Detroit 8.2 L diesel

TRANSMISSION : Allison MTB643 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Power

AIR CONDITIONING : Suetrak

FUEL TANK CAPACITY : 378.5 L

GROSS VEHICLE WEIGHT : 11 289.9 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
☒ WHEELCHAIR LIFT
☐ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☒ FLIP-DOWN SEAT

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 32

DIMENSIONS :

LENGTH : 9.75 m

WIDTH : 2.44 m

HEIGHT : 2.95 m

WHEELBASE : 4.5 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 76.2 cm

INTERIOR HEADROOM : 2 m

DOOR OPENING WIDTHS :

FRONT : 86.4 cm

REAR OR SIDE : 99.1 cm

TURNING RADIUS : 9.14 m

TIRE SIZE : 255/70R22.5

ENGINE : Detroit 8.2 L diesel

TRANSMISSION : Allison MT643 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Ross Power

AIR CONDITIONING : Thermo King

FUEL TANK CAPACITY : 378.5 L

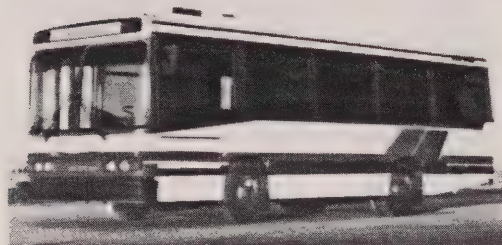
GROSS VEHICLE WEIGHT : 8163 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Small Bus

Neoplan "Litl'Bus"



Neoplan "Litl'Bus"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 27

DIMENSIONS :

LENGTH : 7.92 m

WIDTH : 2.59 m

HEIGHT : 2.67 m

WHEELBASE : 3.53 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 61 cm

INTERIOR HEADROOM : 1.91 m

DOOR OPENING WIDTHS :

FRONT : 82.9 cm

REAR OR SIDE : 82.9 cm

TURNING RADIUS : 7.62 m

TIRE SIZE : 9.5 x 17.5

ENGINE : Detroit 8.2 L diesel

TRANSMISSION : Allison AT545 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : ZF 8043 Power

AIR CONDITIONING : Suetrak

FUEL TANK CAPACITY : 227.1 L

GROSS VEHICLE WEIGHT : 6285.5 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

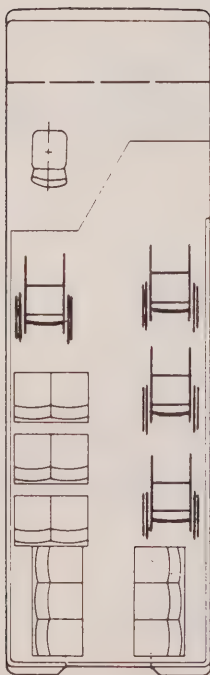
☒ KNEELER

☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATIONS☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT

Small Bus



Orion II



Optional layout with 12 seats and four wheelchair stations

Ontario Bus Industries "Orion II"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 26 (7 – 10 wheelchair passengers)

DIMENSIONS :

LENGTH : 7.90 m

WIDTH : 2.44 m

HEIGHT : 2.54 m

WHEELBASE : —

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 30.5 cm

INTERIOR HEADROOM : 1.96 m

DOOR OPENING WIDTHS :

FRONT : 91.4 cm

REAR OR SIDE : 102 cm

TURNING RADIUS : —

TIRE SIZE : 255/80R22.5

ENGINE : Detroit 8.2 L diesel

TRANSMISSION : Allison AT545 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : ZF Power

AIR CONDITIONING : 11 341 kcal

FUEL TANK CAPACITY : 189.3 L

GROSS VEHICLE WEIGHT : 8392 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

☐ WHEELCHAIR LIFT

☒ WHEELCHAIR RAMP

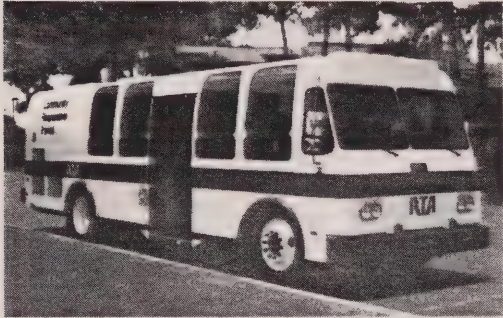
☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Small Bus

Skillcraft "Transmaster"



Skillcraft "Transmaster"



31-passenger model

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 23 – 31

DIMENSIONS :

LENGTH : 8.84 – 10.36 m

WIDTH : 2.44 m

HEIGHT : 2.57 m

WHEELBASE : 6.4 m

MAXIMUM STEP HEIGHT : 27.9 cm

FLOOR HEIGHT : 68.5 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : 88.9 cm

REAR OR SIDE : —

TURNING RADIUS : 7.62 m, 10.97 m

TIRE SIZE : 255/70R22.5

ENGINE : Detroit 8.2 L, 6.7 L, diesel; Caterpillar 3208

TRANSMISSION : Allison MT643, AT545 automatic

SUSPENSION : Leaf spring

BRAKES : Air

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 181.8 L

GROSS VEHICLE WEIGHT : 7596 kg, 8163 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☐ KNEELER
- ☐ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

Small Bus

Steyr "City-Bus"



Steyr "City-Bus"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 15**DIMENSIONS :**

LENGTH : 5.82 m

WIDTH : 2.03 m

HEIGHT : 2.49 m

WHEELBASE : 3.3 m**MAXIMUM STEP HEIGHT :** 33 cm**FLOOR HEIGHT :** 73.6 cm**INTERIOR HEADROOM :** 2.08 m**DOOR OPENING WIDTHS :**

FRONT : —

REAR OR SIDE : 1.24 m

TURNING RADIUS : 17.35 m**TIRE SIZE :** 205R14**ENGINE :** Mercedes-Benz OM 616 diesel**TRANSMISSION :** 4-speed semi-automatic**SUSPENSION :** Air & coil spring**BRAKES :** Hydraulic**STEERING :** ZF Power**AIR CONDITIONING :** Konvekta**FUEL TANK CAPACITY :** 75 L**GROSS VEHICLE WEIGHT :** 4400 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☐ WHEELCHAIR LIFT☒ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 31

DIMENSIONS :

LENGTH : 10.21 m

WIDTH : 2.44 m

HEIGHT : 3.00 m

WHEELBASE : 5 m

MAXIMUM STEP HEIGHT : 30.5 cm

FLOOR HEIGHT : 76.3 cm

INTERIOR HEADROOM : 1.93 m

DOOR OPENING WIDTHS :

FRONT : 83.8 cm

REAR OR SIDE : 117 cm

TURNING RADIUS : 8.41 m

TIRE SIZE : 8.25 x 20

ENGINE : Isuzu 6BD1

TRANSMISSION : Allison AT545 automatic

SUSPENSION : Air, leaf

BRAKES : Air

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 227.1 L

GROSS VEHICLE WEIGHT : 6711.8 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Transportation
Development Centre
Guy Favreau Complex
200 René Lévesque Blvd. West
West Tower, Suite 601
Montreal, Quebec
H2Z 1X4

Centre de développement
des transports
Complexe Guy-Favreau
200 ouest, boul. René-Lévesque
Tour ouest, suite 601
Montréal (Québec)
H2Z 1X4

LARGE BUS



Large Bus**Bus Industries "Orion"**

Orion

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 40**DIMENSIONS :**

LENGTH : 12.12 m

WIDTH : 2.44 m

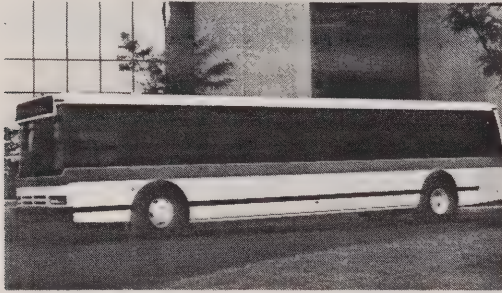
HEIGHT : 2.90 m

WHEELBASE : 7.37 m**MAXIMUM STEP HEIGHT :** 36.8 cm**FLOOR HEIGHT :** 86.5 cm**INTERIOR HEADROOM :** 1.98 m**DOOR OPENING WIDTHS :**

FRONT : 86.4 cm

REAR OR SIDE : 66 cm

TURNING RADIUS : 12.32 m**TIRE SIZE :** 12.5 x 22.5**ENGINE :** Detroit 6V92TA/TAC diesel**TRANSMISSION :** Allison MT644 automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** Ross Power**AIR CONDITIONING :** Thermo King**FUEL TANK CAPACITY :** 474 L**GROSS VEHICLE WEIGHT :** 10 859 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Large Bus**Flexible "Metro"****Flexible "Metro"**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY : 48****DIMENSIONS :**

LENGTH : 12.19 m

WIDTH : 2.59 m

HEIGHT : 3.10 m

WHEELBASE : 7.59 m**MAXIMUM STEP HEIGHT : 35.6 cm****FLOOR HEIGHT : 76.2 cm****INTERIOR HEADROOM : 1.99 m****DOOR OPENING WIDTHS :**

FRONT : 77.5 cm

REAR OR SIDE : 66 cm

TURNING RADIUS : 13.41 m**TIRE SIZE : 255/80R22.5****ENGINE : Detroit 6V92TA diesel****TRANSMISSION : Allison V-731 automatic****SUSPENSION : Air****BRAKES : Air****STEERING : Power****AIR CONDITIONING : Thermo King****FUEL TANK CAPACITY : 568.2 L****GROSS VEHICLE WEIGHT : 11 678 kg****OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT

Large Bus



Flyer "D-902"

Flyer "D-901", "D-902"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 44 – 50

DIMENSIONS :

LENGTH : 10.67 m, 12.19 m

WIDTH : 2.44 m, 2.59 m

HEIGHT : 3.05 m

WHEELBASE : 6.93 – 7.23 m

MAXIMUM STEP HEIGHT : 37.3 cm

FLOOR HEIGHT : 88.9 cm

INTERIOR HEADROOM : 1.77 – 1.83 m

DOOR OPENING WIDTHS :

FRONT : 82.6 cm

REAR OR SIDE : 66 cm

TURNING RADIUS : 12.8 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Detroit diesel

TRANSMISSION : Allison automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Sheppard Power

AIR CONDITIONING : Trane

FUEL TANK CAPACITY : 488 L

GROSS VEHICLE WEIGHT : 10 657 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT



Gillig

Gillig

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 33 – 51

DIMENSIONS :

LENGTH : 12.19 m

WIDTH : 2.59 m

HEIGHT : 3.05 m

WHEELBASE : 7.09 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 81.3 cm

INTERIOR HEADROOM : 1.99 m

DOOR OPENING WIDTHS :

FRONT : 94 cm

REAR OR SIDE : 76.2 cm

TURNING RADIUS : 13.41 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Detroit 6V92TA diesel

TRANSMISSION : Allison HT747 4-speed automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Ross Power

AIR CONDITIONING : Trane / Thermo King

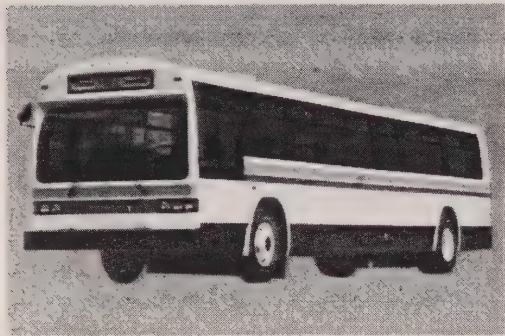
FUEL TANK CAPACITY : —

GROSS VEHICLE WEIGHT : 11 428 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☐ FLIP-DOWN SEAT

Large Bus



GMC "Classic"

GMC "Classic"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 52

DIMENSIONS :

LENGTH : 12.19 m

WIDTH : 2.59 m

HEIGHT : 3.05 m

WHEELBASE : 7.23 m

MAXIMUM STEP HEIGHT : 41.2 cm

FLOOR HEIGHT : 81.8 cm

INTERIOR HEADROOM : 1.94 – 1.99 m

DOOR OPENING WIDTHS :

FRONT : 1.11 m

REAR OR SIDE : 67.3 cm

TURNING RADIUS : 11.48 m

TIRE SIZE : 12 x 22.5, 11 x 20

ENGINE : Detroit 6V71N diesel

TRANSMISSION : Allison V731 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Saginaw 572D manual

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 378.5 L

GROSS VEHICLE WEIGHT : 9784 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

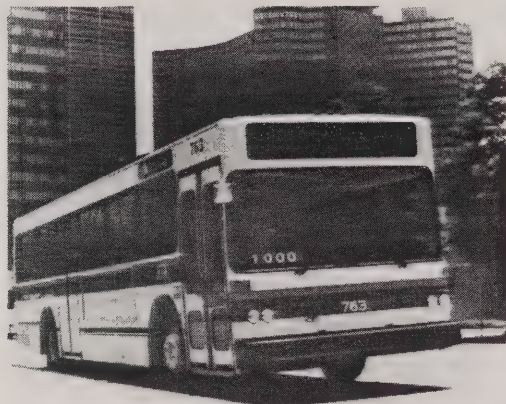
☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☐ FLIP-DOWN SEAT

Large Bus**Americana****M.A.N. "Americana"**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 48**DIMENSIONS :**

LENGTH : 12.19 m
WIDTH : 2.44 – 2.59 m
HEIGHT : 3.05 m

WHEELBASE : 6.5 m**MAXIMUM STEP HEIGHT :** 30.5 cm**FLOOR HEIGHT :** 76.3 cm**INTERIOR HEADROOM :** 1.98 m**DOOR OPENING WIDTHS :**

FRONT : 1.14 m
REAR OR SIDE : 1.14 m

TURNING RADIUS : 13.38 m**TIRE SIZE :** 12.5 x 22.5**ENGINE :** M.A.N. D2566 diesel**TRANSMISSION :** Renk 874B automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** ZF Power**AIR CONDITIONING :** Thermo King**FUEL TANK CAPACITY :** 473.2 L**GROSS VEHICLE WEIGHT :** —**OPTIONS FOR THE MOBILITY IMPAIRED :**

- ☒ KNEELER
 - ☒ WHEELCHAIR LIFT
 - ☐ WHEELCHAIR RAMP
 - ☒ WHEELCHAIR STATION
 - ☒ WHEELCHAIR SECUREMENT
 - ☒ FLIP-DOWN SEAT
-
-
-
-
-
-

Large Bus



Neoplan "AN 440"

Neoplan "AN 440"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 44

DIMENSIONS :

LENGTH : 12.19 m
WIDTH : 2.59 m
HEIGHT : 3.41 m

WHEELBASE : 6.91 m

MAXIMUM STEP HEIGHT : 35.6 cm

FLOOR HEIGHT : 79.2 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : 81.3 cm
REAR OR SIDE : 81.3 cm

TURNING RADIUS : 13.14 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Detroit 6V92TA diesel

TRANSMISSION : Allison HT747 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : ZF power

AIR CONDITIONING : Suetrak

FUEL TANK CAPACITY : 568.2 L

GROSS VEHICLE WEIGHT : 12 517 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☐ FLIP-DOWN SEAT

Large Bus**Scania "CN112"****Saab-Scania "CN112"**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 48**DIMENSIONS :**

LENGTH : 12.19 m

WIDTH : 2.59 m

HEIGHT : 3.05 m

WHEELBASE : 6.91 m**MAXIMUM STEP HEIGHT :** 35.6 cm**FLOOR HEIGHT :** 96.6 cm**INTERIOR HEADROOM :** 2.19 m**DOOR OPENING WIDTHS :**

FRONT : —

REAR OR SIDE : 1.14 m

TURNING RADIUS : 11.28 m**TIRE SIZE :** 12R22.5**ENGINE :** Scania DS 1116 turbo diesel**TRANSMISSION :** Scania 4-speed automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** Scania Power**AIR CONDITIONING :** Thermo King**FUEL TANK CAPACITY :** 283.9 L**GROSS VEHICLE WEIGHT :** 9977 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Large Bus

Sabre "LAG350T"



Sabre "LAG350T"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 49

DIMENSIONS :

LENGTH : 12.19 m

WIDTH : 2.50 m

HEIGHT : 3.40 m

WHEELBASE : 5.89 m

MAXIMUM STEP HEIGHT : 40.6 cm

FLOOR HEIGHT : —

INTERIOR HEADROOM : 1.96 m

DOOR OPENING WIDTHS :

FRONT : 92 cm

REAR OR SIDE : 92 cm

TURNING RADIUS : 11.89 m

TIRE SIZE : 275 x 80

ENGINE : Cummins 10 L turbo diesel

TRANSMISSION : Synchromesh manual, automatic

SUSPENSION : Air

BRAKES : Air

STEERING : ZF 8066 power

AIR CONDITIONING : Ac Ind.

FUEL TANK CAPACITY : 531.9 L

GROSS VEHICLE WEIGHT : 14 512 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT



Setra "S 216 HDS"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 63

DIMENSIONS :

LENGTH : 12 m
WIDTH : 2.50 m
HEIGHT : 3.63 m

WHEELBASE : 5.48 m

MAXIMUM STEP HEIGHT : 36 cm

FLOOR HEIGHT : —

INTERIOR HEADROOM : 2 m

DOOR OPENING WIDTHS :

FRONT : 84.8 cm
REAR OR SIDE : 84.8 cm

TURNING RADIUS : 20.3 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Daimler-Benz OM422 diesel

TRANSMISSION : Automatic ZF 8-speed

SUSPENSION : Air

BRAKES : Air

STEERING : ZF 8043 power

AIR CONDITIONING : Available

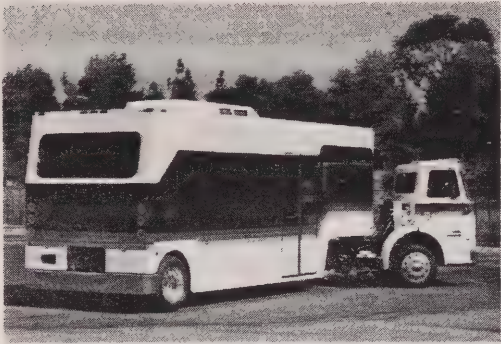
FUEL TANK CAPACITY : 600 L

GROSS VEHICLE WEIGHT : 17 686 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

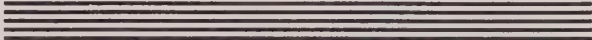
- ☒ KNEELER
☒ WHEELCHAIR LIFT
☐ WHEELCHAIR RAMP
☒ WHEELCHAIR STATION
☒ WHEELCHAIR SECUREMENT
☐ FLIP-DOWN SEAT

Large Bus



SuperBus

SuperBus



VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 29

DIMENSIONS :

LENGTH : 11 m
WIDTH : 2.59 m
HEIGHT : 3.45 m

WHEELBASE : —

MAXIMUM STEP HEIGHT : 38.1 cm

FLOOR HEIGHT : 38.1 cm

INTERIOR HEADROOM : 2.03 – 2.82 m

DOOR OPENING WIDTHS :

FRONT : —
REAR OR SIDE : 1.02 m

TURNING RADIUS : —

TIRE SIZE : 12.5 x 22.5

ENGINE : Detroit 6V92T Silver diesel

TRANSMISSION : Allison HTB-748 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Power

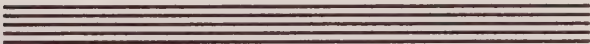
AIR CONDITIONING : Thermo King

FUEL TANK CAPACITY : —

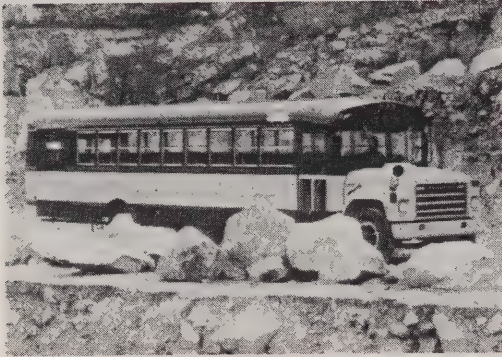
GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☒ WHEELCHAIR LIFT
- ☒ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT



Large Bus (Ford, GMC, Chevrolet, IHC)



Thomas "Conventional"

Thomas "Conventional"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 60

DIMENSIONS :

LENGTH : 12.19 m

WIDTH : 2.44 m

HEIGHT : 2.75 m

WHEELBASE : 6.99 m

MAXIMUM STEP HEIGHT : 38.1 cm

FLOOR HEIGHT : 91.5 – 99.1 cm

INTERIOR HEADROOM : 1.85 – 1.98 m

DOOR OPENING WIDTHS :

FRONT : 76.2 cm

REAR OR SIDE : 83.8 cm

TURNING RADIUS : —

TIRE SIZE : 9 x 20

ENGINE : Gas, diesel

TRANSMISSION : Automatic, manual

SUSPENSION : Air, leaf spring

BRAKES : Air, power hydraulic

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 272.8 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☐ KNEELER

☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

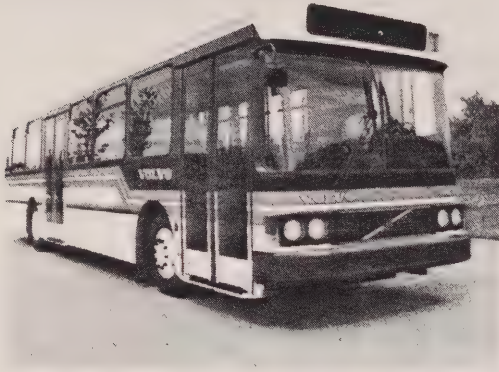
☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Large Bus

Volvo "40"



Volvo "40"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 46

DIMENSIONS :

LENGTH : 12.19 m

WIDTH : 2.59 m

HEIGHT : 3.05 m

WHEELBASE : 6.5 m

MAXIMUM STEP HEIGHT : 37.9 cm

FLOOR HEIGHT : 87.9 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : 83.8 cm

REAR OR SIDE : 83.8 cm

TURNING RADIUS : 12.45 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Volvo 10 L turbo diesel

TRANSMISSION : ZF 4 HP 500 4-speed automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 473.2 L

GROSS VEHICLE WEIGHT : 11 791 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Large Bus (Ford, GMC, IHC)**Lifeguard****Wayne "Lifeguard"**

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 52**DIMENSIONS :**

LENGTH : 11.89 m

WIDTH : 2.44 m

HEIGHT : 3.18 m

WHEELBASE : 3.86 – 7.01 m**MAXIMUM STEP HEIGHT :** 40.6 cm**FLOOR HEIGHT :** 1.02 m**INTERIOR HEADROOM :** 1.85 – 1.93 m**DOOR OPENING WIDTHS :**

FRONT : 61 cm

REAR OR SIDE : 88.9 cm

TURNING RADIUS : —**TIRE SIZE :** 9 x 20**ENGINE :** Gas, diesel, propane**TRANSMISSION :** Automatic, manual**SUSPENSION :** Air, leaf spring**BRAKES :** Air, power hydraulic**STEERING :** Power**AIR CONDITIONING :** Available**FUEL TANK CAPACITY :** 272.8 L**GROSS VEHICLE WEIGHT :** —**OPTIONS FOR THE MOBILITY IMPAIRED :**☐ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

ARTICULATED BUS



TYPE OF VEHICLE

Articulated Bus

MAKE AND MODEL

M.A.N. "SG-310"



M.A.N. "SG-310"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 72

DIMENSIONS :

LENGTH : 18.28 m

WIDTH : 2.59 m

HEIGHT : 3.18 m

WHEELBASE : Tractor: 5.64 m, Trailer: 7.24 m

MAXIMUM STEP HEIGHT : 37.2 cm

FLOOR HEIGHT : 97.2 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : 1.14 m

REAR OR SIDE : 1.14 m

TURNING RADIUS : 13.2 m

TIRE SIZE : 315/80R22.5

ENGINE : M.A.N. D2566 diesel

TRANSMISSION : Renk 4-speed automatic

SUSPENSION : Air

BRAKES : Air

STEERING : ZF 8065 power

AIR CONDITIONING : Perkins 200

FUEL TANK CAPACITY : 473.2 L

GROSS VEHICLE WEIGHT : —

OPTIONS FOR THE MOBILITY IMPAIRED :

☒ KNEELER

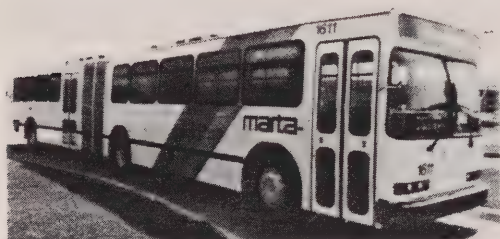
☒ WHEELCHAIR LIFT

☐ WHEELCHAIR RAMP

☒ WHEELCHAIR STATION

☒ WHEELCHAIR SECUREMENT

☒ FLIP-DOWN SEAT

Articulated Bus**Neoplan "AN 460"**

Neoplan "AN 460"

VEHICLE SPECIFICATIONS**PASSENGER CAPACITY :** 64**DIMENSIONS :**

LENGTH : 18.29 m

WIDTH : 2.59 m

HEIGHT : 3.41 m

WHEELBASE : —**MAXIMUM STEP HEIGHT :** 35.6 cm**FLOOR HEIGHT :** 79.2 cm**INTERIOR HEADROOM :** 1.98 m**DOOR OPENING WIDTHS :**

FRONT : 81.3 cm

REAR OR SIDE : 81.3 cm

TURNING RADIUS : 13.14 m**TIRE SIZE :** 12.5 x 22.5**ENGINE :** Detroit 8V92 diesel**TRANSMISSION :** Allison AT 747 automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** ZF 8043 power**AIR CONDITIONING :** Suetrak**FUEL TANK CAPACITY :** 568.2 L**GROSS VEHICLE WEIGHT :** 12 516.6 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☐ FLIP-DOWN SEAT

Articulated Bus**Saab-Scania "BR112A"**

Scania "BR112"

VEHICLE SPECIFICATIONS
PASSENGER CAPACITY : 67**DIMENSIONS :**

LENGTH : 17.68 m

WIDTH : 2.59 m

HEIGHT : 3.25 m

WHEELBASE : —**MAXIMUM STEP HEIGHT :** 37.5 cm**FLOOR HEIGHT :** 98.5 cm**INTERIOR HEADROOM :** 2.19 m**DOOR OPENING WIDTHS :**

FRONT : 37.5 cm

REAR OR SIDE : 125 cm

TURNING RADIUS : 9.69 m**TIRE SIZE :** 11 x 22.5**ENGINE :** Scania DS 1121 diesel**TRANSMISSION :** Scania 4-speed automatic**SUSPENSION :** Air**BRAKES :** Air**STEERING :** Scania power**AIR CONDITIONING :** Thermo King**FUEL TANK CAPACITY :** 283.9 L**GROSS VEHICLE WEIGHT :** 17 033.5 kg**OPTIONS FOR THE MOBILITY IMPAIRED :**☒ KNEELER☒ WHEELCHAIR LIFT☐ WHEELCHAIR RAMP☒ WHEELCHAIR STATION☒ WHEELCHAIR SECUREMENT☒ FLIP-DOWN SEAT

Articulated Bus



Volvo "60"

Volvo "60"

VEHICLE SPECIFICATIONS

PASSENGER CAPACITY : 66

DIMENSIONS :

LENGTH : 18.29 m
WIDTH : 2.44 – 2.59 m
HEIGHT : 3.18 m

WHEELBASE : Tractor: 5.50 m, Trailer: 5 m

MAXIMUM STEP HEIGHT : 36.8 cm

FLOOR HEIGHT : 86.4 cm

INTERIOR HEADROOM : 1.98 m

DOOR OPENING WIDTHS :

FRONT : 1.12 m
REAR OR SIDE : 1.12 m

TURNING RADIUS : 12.2 m

TIRE SIZE : 12.5 x 22.5

ENGINE : Volvo, 10 L turbo diesel

TRANSMISSION : ZF 5 HP 500 automatic

SUSPENSION : Air

BRAKES : Air

STEERING : Power

AIR CONDITIONING : Available

FUEL TANK CAPACITY : 473.2 L

GROSS VEHICLE WEIGHT : 16 326 kg

OPTIONS FOR THE MOBILITY IMPAIRED :

- ☒ KNEELER
- ☒ WHEELCHAIR LIFT
- ☐ WHEELCHAIR RAMP
- ☒ WHEELCHAIR STATION
- ☒ WHEELCHAIR SECUREMENT
- ☒ FLIP-DOWN SEAT

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Manufacturers / Converters

Air Surrey Dispatcher

Air Surrey Inc.
106 South Green St.
P.O. Box 530
Roanoke, IL 61561, U.S.A.
Tel. (309) 923-2011

AmTran Patriot, Vanguard

American Transportation Corporation
Highway 65
Conway, AR 72032, U.S.A.
Tel. (501) 327-7761

Blue Bird MT-30

Blue Bird
Airport Rd.
P.O. Box 880
Brantford, Ontario N3T 5R7
Tel. (519) 759-4960

Boyertown Trolley Bus

Boyertown Auto Body Works
P.O. Box 418
Boyertown, PA 19512, U.S.A.
Tel. (215) 367-2091

Braun Corp. Caravan

The Braun Corporation
1014 South Monticello Dr.
Winamac, IN 46996, U.S.A.
Tel. (219) 946-6157

Bus Industries Orion

Bus Industries of America
Base Road R.D. 1
Oriskany, NY 13424, U.S.A.
Tel. (315) 768-8101

Campwagon

Campwagon
1170 Olivier Rd.
Bernières, Quebec G0S 1C0
Tel. (418) 831-1893

Care Concepts Transporter

Care Concepts Inc.
3604 North 27th Ave., Suite 102
Phoenix, AZ 85017, U.S.A.
Tel. (602) 274-1432

Champion TTA

Champion Home Builders Co.
Commercial Vehicle Division
331 Graham Rd.
P.O. Box 158
Imlay City, MI 48444, U.S.A.
Tel. (313) 724-6474

Chance Ameribus, RT-50

Chance Coach Ltd.
4219 Irving St.
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Coach & Equipment Challenger, Shadow, Super
Metrovan

Coach & Equipment Mfg. Corp.
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Tel. (315) 536-2321

Collins Omni

Collins Industries, Inc.
Special Products Division
P.O. Box 58
Hutchinson, KS 67504, U.S.A.
Tel. (316) 663-4441

Coons Diamond GT & VIP

Coons Manufacturing Inc.
P.O. Box 489
Oswego, KS 67356, U.S.A.
Tel. (316) 795-2191

Crown-Ikarus 286

Crown Coach International
13799 Monte Vista Ave.
Chino, CA 91710, U.S.A.
Tel. (714) 591-0567

Durisotti Minicar

Durisotti, S.A.R.L.
Ave. Fosse 13 - B.P. 4
62430 Sallaumines-Lens, France
Tel. (21) 79.34.05

Dutcher Motors TransitTaxi

Dutcher Motors Inc.
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Hagerstown, MD 21750, U.S.A.
Tel. (301) 747-1400

EIDorado Falcon, MST

EIDorado Motor Corporation
P.O. Box 266
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Tel. (913) 392-2171

Elswick Envoy

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Kings Coughton Alcester,
Warwickshire
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Tel. 0789 763711

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The Flxible Corporation
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Delaware, OH 43051, U.S.A.
Tel. (614) 369-7671

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Flyer Industries Ltd.
64 Hoka St.
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165 Sheldon Drive
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Gillig
P.O. Box 3008
Hayward, CA 94540, U.S.A.
Tel. (415) 785-1500

Girardin Bantam

Autobus Girardin Ltd.
TransCanada Highway
Drummondville, Quebec J2B 6V4
Tel. (819) 477-3222, 1-800-567-1467

GMC Classic

General Motors of Canada Ltd.
Diesel Division
P.O. Box 5160
London, Ontario N6A 4N5
Tel. (519) 452-5252

Goshen Coach 280, Sentry

Goshen Coach Co.
P.O. Box 874
Goshen, IN 46526, U.S.A.
Tel. (219) 534-3664

GSM Taxi

GSM Design Inc.
317 Place d'Youville
Montreal, Quebec H2Y 2B5
Tel. (514) 288-4233

HCI Transit Van

HCI
2516 W. Pennway
Kansas City, MO 64108, U.S.A.
Tel. (816) 471-0305

Irizar Transit Coach

International Transit Systems Ltd.
Suite 610, Bremer Bldg.
419 North Robert St.
St. Paul, MN 55101, U.S.A.
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London Taxis FX4W

London Taxis International Ltd.
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M.A.N. Americana, SG-310

M.A.N. Truck & Bus Corporation
201 South College St.
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MCR 8200DL

MCR Technology Inc.
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Tel. (805) 964-0671

National Coach Escort II, Transmark

National Coach Corp.
130 West Victoria
Gardena, CA 90248, U.S.A.
Tel. (213) 538-3122

Neoplan AN 440, AN 460, Litl'Bus

Neoplan USA Corporation
700 Gottlob Auwaerter Dr.
Lamar, CO 81052, U.S.A.
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Ontario Bus Industries Orion II

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Setra S 216 HDS

Setra Bus & Coach Inc.
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